

DERWENT-ACC-NO: 2000-652456

DERWENT-WEEK: 200063

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TITLE: Telecommunication control apparatus for data transfer
has information adder which outputs message data containing communication attribute identification number and attribute description information

PATENT-ASSIGNEE: MITSUBISHI ELECTRIC CORP[MITQ]

PRIORITY-DATA: 1999JP-0068639 (March 15, 1999)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES
MAIN-IPC			
JP 2000270043 A	September 29, 2000	N/A	010
H04L 029/14			

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
JP2000270043A	N/A	1999JP-0068639
15, 1999		March

INT-CL (IPC): G06F013/00, H04L029/14

ABSTRACTED-PUB-NO: JP2000270043A

BASIC-ABSTRACT:

NOVELTY - An information adder (16) outputs message data

containing a
communication attribute identification number and communication
attribute
description information. The communication attribute description
information
are extracted from communication attribute information management
table (14,15)
and matched to the communication attribute identification number.

DETAILED DESCRIPTION - The communication attribute information
number are
stored to a communication trace memory (12) for predetermined
communication
performed between a computer (2) and a communication circuit (3).
The
communication attribute information management table associate the
communication attribute description information for making simple
understanding
of the content of communication attribute identified by the
communication
attribute identification number. The communication attribute
identification
number is provided in order to identify each communication attribute,
such as a
communication situation and a data classification, planned by
communication
between the computer and the communication circuit.

USE - For data transfer.

ADVANTAGE - Controls transfer of data transmitted via the
communication
circuit. Communication failure is effectively and easily analyzed.
Outputs
communication log information effectively and reliably since elimination
of
communication log information by superscription is prevented.
Operation of

telecommunication control apparatus is effectively monitored in real time.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the telecommunication control apparatus.

Computer 2

Communication circuit 3

Communication trace memory 12

Communication attribute information management table 14,15

Information adder 16

CHOSEN-DRAWING: Dwg.1/7

TITLE-TERMS: TELECOMMUNICATION CONTROL APPARATUS
DATA TRANSFER INFORMATION
 ADDER OUTPUT MESSAGE DATA CONTAIN
COMMUNICATE ATTRIBUTE IDENTIFY
 NUMBER ATTRIBUTE DESCRIBE INFORMATION

DERWENT-CLASS: T01 W01

EPI-CODES: T01-H07C; T01-J08C; W01-A01C; W01-A06A1;
W01-A07F;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N2000-484135